

A composite image of the solar system. In the top left, a portion of Earth is visible. Below it, the Moon orbits. To the right, Mars is shown. In the bottom right, Jupiter is depicted. A comet with a long tail streaks across the upper right. The background is a deep space scene with stars and nebulae.

**2nd Annual NASA/JPL
Small Business Symposium
and Awards Ceremony**

***NASA Mentor Protégé
Program-Making a Difference***

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Ares I

The Ares I rocket is the centerpiece of NASA's Constellation architecture, which will return Americans to the moon and beyond.

In 2007, The Boeing Company was selected as the production and design partner for the Ares I upper stage and instrument unit avionics (IUA). In this role, Boeing provides design support and is NASA's production partner for the Ares I upper stage and instrument unit avionics. The upper stage is the second stage of the rocket. The avionics will provide guidance, navigation and control for the Ares I rocket until it reaches orbit.

Co-located with the NASA customer at Marshall Space Flight Center in Huntsville, the Boeing Ares I team supports NASA with producibility and trade studies to help NASA ensure the upper stage and IUA can be manufactured and produced in a timely and cost effective manner. As the upper stage production partner, Boeing will be responsible for manufacturing the upper stages at the Michoud Assembly Facility near New Orleans, Louisiana.



Boeing-Orion-NASA ...a strategic partnership

What Worked:

- ✦ Executive Level Support.....from beginning to end
- ✦ Team Approach
- ✦ Clear Goal Setting- art of the possible
- ✦ Messaging
- ✦ Program Managers
 - ✦ Mentor and Protégé
- ✦ Attachment to a Program
- ✦ Trust
- ✦ Follow Up



Boeing and Orion... building together

TRAINING..... the Cornerstone of a Mentor Protégé Relationship



- **Mentor Protégé Agreement**
 - **Agreement start date = Contract Modification Date**
- **Key Individuals Move/Change**
- **Educate the Trainer**
 - **Prepare the Trainer – Mentor or Outside Trainer**
 - **background, expectations, etc**
- **Establish Standing Meetings Involving M-P**
- **All parties should be included on all communications (any related topics – administration, etc)**
- **Trust**

